

<b>Project Name/Location:</b>				<b>Contract Number:</b> W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 11+10 to 12+40, Flavel</b>							
<b>Date:</b> 07/28/2005				John Cannon contacted at 8:00.			
<b>Dredging</b> <b>Load Number</b> 576 <b>Tidal Stage</b> Flood <b>Dredge State:</b> No Overflow  <b>Weather:</b> Overcast <b>Wind:</b> 5-10 kts <b>Seas:</b> 2'-4'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	21.4	7:25:38	7344107.12	938285.32	3.4	
	DR-2	19.9	7:28:49	7343523.53	938474.07	28.0	9.3
	DR-2R1	20.1	7:28:55	7343527.49	938467.82	26.7	8.1
	DR-4	20.2	7:31:50	7343107.41	938223.87	34.3	
	DR-4R1	19.0	7:31:56	7343107.16	938217.80	23.8	
	DR-3	23.5	7:35:14	7344390.89	938906.11	14.2	
	DR-3R1	23.5	7:35:23	7344390.89	938906.11	8.1	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 exceeded 5 NTU over background, taken out of the plume, on port side.				Re-test DR-3R1 was taken.			
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 11+10 to 12+40, Flavel</b>							
Date: 07/28/2005				John Cannon contacted at 14:30.			
<b>Dredging</b> <b>Load Number</b> 577 <b>Tidal Stage</b> Ebb <b>Dredge State:</b> No Overflow <b>Weather:</b> Overcast <b>Wind:</b> 10-15 kts <b>Seas:</b> 2'-4' <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.0	12:17:22	7342848.35	938192.17	3.5	
	DR-2	21.0	12:19:10	7342384.77	938521.93	51.2	9.0
	DR-2R1	21.1	12:19:14	7342367.90	938522.64	50.6	9.0
	DR-4	21.8	12:20:42	7341674.94	938521.37	41.6	
	DR-4R1	21.7	12:20:47	7341674.94	938521.37	44.1	
	DR-3	21.4	12:24:51	7343688.49	938880.84	29.7	
	DR-3R1	21.1	12:24:57	7343667.40	938881.72	19.2	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 exceeded 5 NTU over background, taken out of the plume, on port side.				Re-test DR-3R1 was taken.			
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
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Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 11+10 to 12+40, Flavel</b>							
Date: 07/28/2005				John Cannon onboard during tests.			
<b>Dredging</b> <b>Load Number</b> 578 <b>Tidal Stage</b> Flood <b>Dredge State:</b> No Overflow  <b>Weather:</b> Overcast <b>Wind:</b> 5-10 kts <b>Seas:</b> 2'-3'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.2	16:56:00	7346738.37	938719.97	2.8	
	DR-2	21.2	16:57:18	7346711.97	938741.95	31.1	8.8
	DR-2R1	20.2	16:57:26	7346737.27	938740.89	27.7	8.6
	DR-4	20.0	16:58:29	7347296.53	938778.34	36.0	
	DR-4R1	20.2	16:58:34	7347308.93	938771.74	27.6	
	DR-3	20.0	17:01:03	7346247.57	938548.46	2.1	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 taken out of the plume on port side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
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Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						